

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(43) 国际公布日:
2005年6月2日(02.06.2005)

PCT

(10) 国际公布号:
WO 2005/048778 A1

(51) 国际分类号: A47B 47/09
(21) 国际申请号: PCT/CN2004/001041
(22) 国际申请日: 2004年9月13日(13.09.2004)
(25) 申报语言: 中文
(26) 公布语言: 中文

(30) 优先权:
2003-272326U 2003年11月7日(07.11.2003) JP
2003-272552U 2003年11月18日(18.11.2003) JP

(71) 申请人(对除美国以外的所有指定国): 益张实业股份有限公司(JIANG INDUSTRIAL CO., LTD.) [CN/CN]; 中国台湾省彰化县埤头乡仑脚村兴工路63号, Taiwan (CN)。

(72) 发明人: 及
(75) 发明人/申请人(仅对美国): 陈新约(CHEN, Hsin-Yueh) [CN/CN]; 中国台湾省彰化县埤头乡仑脚村兴工路63号, Taiwan (CN)。

(74) 代理人: 北京三友知识产权代理有限公司(BEIJING SANYOU INTELLECTUAL PROPERTY AGENCY LTD.); 中国北京市北三环中路40号, Beijing 100088 (CN)。

(81) 指定国(除另有指明, 要求每一种可提供的国家保护):
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

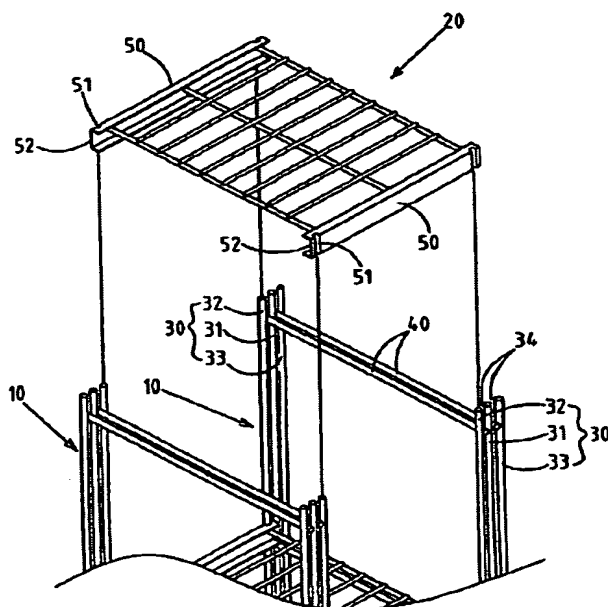
(84) 指定国(除另有指明, 要求每一种可提供的地区保护):
ARIPO(BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), 欧亚专利(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧洲专利(AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

本国际公布:
— 包括国际检索报告。

所引用双字母代码和其它缩写字符, 请参考刊登在每期PCT公报期刊起始的“代码及缩写字符简要说明”。

(54) Title: IMPROVED ASSEMBLED SHELF

(54) 发明名称: 改进的组合式置物架



(57) Abstract: An improved assembled shelf is composed of at least a shelf unit, each shelf unit is composed of double stand side frames (10) and multi-layer frames (20), the multi-layer frames horizontally locate between the double stand side frames (10) and are parallel in vertical direction. Each stand side frame (10) is composed of transverse bar (40) and stand bar (30), the transverse bar and the stand bar are fixed with each other. The stand bar (30) is composed of a main bar (31) and at least an assistant bar (32, 33), the main bar (31) and the assistant bar (32, 33) are parallel and there is a space between the main bar and the assistant bar, the transverse bar (40) traverses the space and is fixed. There are planks (50) on the both sides of each layer frame (20) and there are stand trans-grooves (51) on the both sides of each plank (50), the grooves just assemble with the main bar and the assistant bar of each stand bar. So the improved shelf can be assembled without other orientational pieces and may extend transversally.

[见续页]

WO 2005/048778 A1